

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1-17. (Canceled)

1 18. (Currently amended) A melody sound reproducing unit comprising:
2 an input unit which inputs melody data;
3 a controller which shifts ~~a~~ the entire scale of the melody data inputted by the input
4 unit when a frequency of the inputted melody data is not in a predetermined range;
5 a memory which stores melody data inputted by the input unit when a frequency
6 of the inputted melody data is in the predetermined range, and stores melody data shifted by the
7 controller when the frequency of the inputted melody data is not in the predetermined range;
8 a signal generator for generating an audio signal based on melody data stored in
9 the memory; and
10 a speaker for outputting an audio signal generated by the signal generator.

1 19. (Previously presented) The melody sound reproducing unit according to
2 claim 18, wherein the predetermined range is a range between a first and a second frequency.

1 20. (Previously presented) The melody sound reproducing unit according to
2 claim 19, wherein the first frequency is 400 Hz and the second frequency is 8 kHz.

1 21. (Previously presented) The melody sound reproducing unit according to
2 claim 18,
3 wherein the melody data includes a first tone data and a second tone data, and
4 wherein the signal generator generates a first audio signal corresponding to the
5 first tone data and a second audio signal corresponding to the second tone data with
6 predetermined timing.

1 22. (Previously presented) The melody sound reproducing unit according to
2 claim 21, wherein the first audio signal and the second audio signal form a chord relation in
3 intervals and scales with each other.

1 23. (Currently amended) A melody sound reproducing unit comprising:
2 an input unit which inputs melody data;
3 a controller which changes the frequency spectrum of a melody data inputted by
4 the input unit ~~into~~ to produce a melody data whose frequency spectrum is in a range between a
5 first frequency and a second frequency when a frequency of the inputted melody data is not in
6 the range;
7 a memory which stores melody data inputted by the input unit when a frequency
8 of the inputted melody data is in the range, and stores melody data shifted by the controller when
9 the frequency of the inputted melody data is not in the range;
10 a signal generator for generating an audio signal based on melody data stored in
11 the memory; and
12 a speaker for outputting an audio signal generated by the signal generator.

1 24. (Previously presented) The melody sound reproducing unit according to
2 claim 23, wherein the first frequency is 400 Hz and the second frequency is 8 kHz.

1 25. (Currently amended) A melody sound recording method, said method
2 comprising:
3 inputting melody data;
4 determining whether a frequency of the inputted melody data is in a
5 predetermined range;
6 shifting ~~a~~ the entire scale of the inputted melody data when the frequency of the
7 inputted melody data is not in the predetermined range;
8 storing the inputted melody data when the frequency of the inputted melody data
9 is in the predetermined range, and storing melody data whose scale is shifted when the frequency
10 of the inputted melody data is not in the predetermined range;
11 generating an audio signal based on stored melody data; and
12 outputting generated audio signal.

1 26. (Previously presented) The melody sound recording method according to
2 claim 25, wherein the predetermined range is a range between a first and a second frequency.

1 27. (Previously presented) The melody sound recording method according to
2 claim 26, wherein the first frequency is 400 Hz and the second frequency is 8 kHz.

1 28. (Previously presented) The melody sound recording method according to
2 claim 25,
3 wherein the melody data includes a first tone data and a second tone data, and
4 wherein a first audio signal corresponding to the first tone data and a second audio
5 signal corresponding to the second tone data are generated with predetermined timing.

1 29. (Previously presented) The melody sound recording method according to
2 claim 28, wherein the first audio signal and the second audio signal form a chord relation in
3 intervals and scales with each other.

1 30. (Currently amended) A melody sound recording method, said method
2 comprising:
3 inputting melody data;
4 changing all of the frequency components of inputted melody data to produce
5 melody data whose frequency components fall within ~~is in~~ a range between a first frequency and
6 a second frequency when ~~the~~ a frequency component of the inputted melody data is not in the
7 range;
8 storing the inputted melody data when the frequency of the inputted melody data
9 is in the range, and storing melody data whose scale is shifted when the frequency of the inputted
10 melody data is not in the range;
11 generating an audio signal based on stored melody data; and
12 outputting generated audio signal.

1 31. (Previously presented) The melody sound recording method according to
2 claim 30, wherein the first frequency is 400 Hz and the second frequency is 8 kHz.